POLAR
REFRIGERATION

Stainless Steel Counter Refrigerators

Instruction manual

Model

G596-A/G597-A/G622-A/U636-A

Safety Tips

- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components or service panels on this product.
- Consult Local and National Standards to comply with the following:
  - Health and Safety at Work Legislation
  - BS EN Codes of Practice
  - Fire Precautions
  - IEE Wiring Regulations
  - Building Regulations
- DO NOT use jet/pressure washers to clean the appliance.
- DO NOT use the appliance outside.
- DO NOT use this appliance to store medical supplies.
- DO NOT use electrical appliances inside the appliance (e.g. heaters, ice-cream makers etc.).
- DO NOT stand or support yourself on the base, drawers or doors.
- DO NOT allow oil or fat to come into contact with the plastic components or door seal. Clean immediately if contact occurs.
- Bottles that contain a high percentage of alcohol must be sealed and placed vertically in the refrigerator.
- Always carry, store and handle the appliance in a vertical position and move by holding the base of the appliance.
- Always switch off and disconnect the power supply to the unit before cleaning.
- Keep all packaging away from children. Dispose of the packaging in accordance with the regulations of local authorities.
- If the power cord is damaged, it must be replaced by a POLAR agent or a recommended qualified technician in order to avoid a hazard.

Product Description

G596-A - POLAR 282 litre 2 Door Counter Refrigerator

G597-A - POLAR 417 litre 3 Door Counter Refrigerator

G622-A - POLAR 368 litre 3 Door Counter Refrigerator

U636-A - POLAR 240 litre 2 Door Counter Refrigerator

Introduction

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance from your POLAR product.

Pack Contents

The following is included:

- POLAR Refrigerator
- Shelf guides (2 per door)
- Shelves (1 per door)
- Instruction manual
- Floor guards G622-A x 4, U636-A x 3 only)

POLAR prides itself on quality and service, ensuring that at the time of packaging the contents are supplied fully functional and free of damage.

Should you find any damage as a result of transit, please contact your POLAR dealer immediately.

Installation

⚠ **Note: If the unit has not been stored or moved in an upright position, let it stand upright for approximately 12 hours before operation. If in doubt allow to stand.**

1. Remove the appliance from the packaging. Make sure that all protective plastic film and coatings are thoroughly removed from all surfaces.
2. Maintain a distance of 20cm (7 inches) between the unit and walls or other objects for ventilation. Increase this distance if the obstacle is a heat source.

⚠ **Note: Before using the appliance for the first time, clean the shelves and interior with soapy water.**

3. Set the brakes on the castors to keep the appliance in position
   OR
   Level the appliance by adjusting the screw feet.

Fitting the Shelves & Floor Guards

1. Place one set of shelf guides on either side of the cabinet at the desired height.
2. Slide the shelf into place.
3. Repeat for the remaining shelves.
4. Place the floor guards on the floor of the cabinet, ensuring the flat side is clear of the floor.

⚠ **Note: This is vital for ensuring correct drainage of condensation.**

Operation

Storing Food

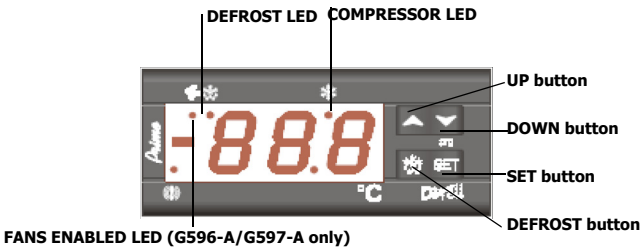
To get the best results from your POLAR appliance, follow these instructions:

- Only store foodstuffs in the appliance when it has reached the correct operating temperature.
- Do not place uncovered hot food or liquid inside the appliance.
- Wrap or cover food where possible.
- Do not obstruct the fans inside the appliance.
- Avoid opening the doors for prolonged periods of time.

Turn On

1. Close the doors/drawers of the appliance.
2. Ensure the power switch is set to [O] and turn on at the socket.
3. Switch on the Power [I]. The current temperature within the appliance is displayed.

Control Panel



To See the Setpoint

Push and immediately relese the SET key: the display will show the Setpoint value

Changing the Setpoint

1) Push the SET key for more than 2 seconds to change the Setpoint value
2) The value of the set point will be displayed and the COMPRESSOR LED starts blinking
3) To change the Set value push the UP and DOWN buttons within 10 seconds
4) To store the new Setpoint push the SET key or wait 10 seconds

Manual Defrost

The appliance will automatically run a defrost cycle every six hours.

⚠ **Note: The cycle starts from the time the appliance is initially powered up.**

To manually defrost the appliance:

1. Press and hold the DEFROST button for more then 2 seconds.
2. The defrost cycle will start immediately and the Defrost LED illuminates. .

⚠ **Note: Starting a manual defrost also resets the automatic defrost timer.**

3. The next automatic defrost will start six hours after the manual defrost has finished.

Cleaning, Care & Maintenance

- Switch off and disconnect from the power supply before cleaning.
- Clean the interior of the appliance as often as possible.
- Do not use abrasive cleaning agents. These can leave harmful residues.
- Clean the door seal with water only.
- Always wipe dry after cleaning.
- Do not allow water used in cleaning to run through the drain hole into the evaporation pan.
- Take care when cleaning the rear of the appliance. Sharp edges can cut.
- A POLAR agent or qualified technician must carry out repairs, if required.

Cleaning the Condenser

Periodically cleaning the condenser can extend the life of the appliance.

POLAR recommend that a POLAR agent or qualified technician clean the condenser.

Troubleshooting

If your POLAR appliance develops a fault, please check the following table before making a call to the Helpline or your POLAR retailer.

Fault	Probable Cause	Action
The appliance is not working	The unit is not switched on	Check the unit is plugged in correctly and switched on
	Plug and lead are damaged	Call POLAR agent or qualified Technician
	Fuse in the plug has blown	Replace the fuse
	Power supply	Check power supply
	Internal wiring fault	Call POLAR agent or qualified Technician
The appliance turns on, but the temperature is too high/ low	Too much ice on the evaporator	Defrost the appliance
	Condenser blocked with dust	Clean condenser with the hose attachement of a vacuum
	Doors are not shut properly	Check doors are shut and seals are not damaged
	Appliance is located near a heat source or air flow to the condenser is being interrupted	Move the refrigerator to a more suitable location
	Ambient temperature is too high	Increase ventilation or move appliance to a cooler position
	Unsuitable foodstuffs are being stored in the appliance	Remove any excessive hot foodstuffs or blockages to the fan
	Appliance is overloaded	Reduce the amount of food stored in the appliance
The appliance is leaking water	The appliance is not properly levelled	Adjust the screw feet to level the appliance (if applicable)
	The discharge outlet is blocked	Clear the discharge outlet
	Movement of water to the drain is obstructed	Clear the floor of the appliance (if applicable)
	The water container is damaged	Call POLAR agent or qualified Technician
	The drip tray is full	Empty the drip tray (if applicable)
The appliance is unusually loud	Loose nut/screw	Check and tighten all nuts and screws
	The appliance has not been installed in a level or stable position	Check installation position and change if necessary

Technical Specifications

Model	Voltage	Power	Current	Temperature Range	Capacity (litres)	Refrigerant	Dimensions H x W x D (mm)	Weight (Kg)
G596-A	220-240V 50Hz	350W	1.95A	-2°C to 10°C	282	R134a 230g	850 x 1360 x 700	98
G597-A	220-240V 50Hz	350W	1.95A	-2°C to 10°C	417	R134a 230g	850 x 1790 x 700	134
U636-A	220-240V 50Hz	230W	1.5A	-2°C to 10°C	240	R134a 165g	880 x 900 x 700	72
G622-A	220-240V 50Hz	230W	1.6A	2°C to 10°C	368	R134a 260g	850 x 1365 x 700	110

Electrical Wiring

The plug is to be connected to a suitable mains socket.

POLAR appliances are wired as follows:

- Live wire (coloured brown) to terminal marked L
- Neutral wire (coloured blue) to terminal marked N
- Earth wire (coloured green/yellow) to terminal marked E

All POLAR appliances must be earthed, using a dedicated earthing circuit.

If in doubt consult a qualified electrician.

Electrical isolation points must be kept clear of any obstructions. In the event of any emergency disconnection being required they must be readily accessible.

Disposal

EU regulations require refrigeration product to be disposed of by specialist companies who remove or recycle all gasses, metal and plastic components.

Consult your local waste collection authority regarding disposal of your appliance. Local authorities are not obliged to dispose of commercial refrigeration equipment but may be able to offer advice on how to dispose of the equipment locally.

Alternatively call the POLAR helpline for details of national disposal companies within the EU.

Compliance

The WEEE logo on this product or its documentation indicates that the product must not be disposed of as household waste. To help prevent possible harm to human health and/or the environment, the product must be disposed of in an approved and environmentally safe recycling process. For further information on how to dispose of this product correctly, contact the product supplier, or the local authority responsible for waste disposal in your area.

POLAR parts have undergone strict product testing in order to comply with regulatory standards and specifications set by international, independent, and federal authorities.

POLAR products have been approved to carry the following symbol:

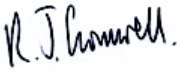
All rights reserved. No part of these instructions may be produced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of POLAR.

Every effort is made to ensure all details are correct at the time of going to press, however, POLAR reserve the right to change specifications without notice.

DECLARATION OF CONFORMITY

Equipment Type	**Refrigerator / Freezer**
Model	**G596-A G597-A G622-A U636-A**
Legislation	**C-Tick** **AS/NZ 3820 Essential Safety Requirements for Low Voltage Electrical Equipment**
Standards	**EN 55014-1:2006, EN 55014-2:1997+A1** **EN 61000-3-2:2006,** **EN 61000-3-3:1995+A1+A2,** **EN 61000-3-11:2000,** **EN 55015:2006, EN 61547:1995+A1** **AS/NZS 60335.2.89:2002+A1:2003+A2:2005+A3:2007 with: AS/NZS 60335.1:2002+A1:2004+A2:2007+A3:2007**
Producer Name	**POLAR**
Producer Address	**15 Badgally Road,** **Campbelltown,** **NSW 2560**

I, the undersigned, hereby declare that the equipment specified above conforms to the above Legislation and Standard(s).

Date	**24/03/11**
Signature	
Full Name	**Richard Cromwell**
Position	**Marketing Director**

• **Notes** • **Remarques** • **Notas** • **Opmerkingen** • **Anmerkungen** • **Notas** •

• **Note** • **Noteringar** • **Merknader** • **Bemærkninger** • **Huomautukset** •

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